

David J. LaSota
Olon Industries, Inc.
P.O. Box 669
Washington, IN 47501

Re: Registered Construction and Operation Status
027-12912-00033

Dear Mr. LaSota:

The application from Olon Industries, Inc., formerly known as Eurodrawer, was received on October 25, 2000. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the emission source, a particleboard drawer manufacturing plant located at County Road 300 West, Washington, IN 47501, is classified as registered. This emission source consists of the following facilities:

- a. Particleboard woodworking operations with a maximum capacity of 1700 pounds per hour, with emissions controlled by a baghouse rated at 99.99% efficiency.
- b. Vinyl slitting operations.
- c. Adhesive application operations, where the adhesives do not contain volatile organic compounds (VOC).

The following conditions shall be applicable:

1. Pursuant to 326 IAC 6-3-2 (Particulate Emissions Limitations), particulate matter (PM) emissions shall be limited by the following equation for process weight rates up to sixty thousand (60,000) pounds per hour:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

For a process weight rate of 1700 pounds per hour, the equation states an emission limit of 3.68 pounds of particulate matter per hour.

2. Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following:
 - (a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

Adhesive application is not subject to 8-2-12 (Wood Furniture and Cabinet Coating) because the adhesives do not emit volatile organic compounds.

This registration is the second air approval issued to this source. All prior approvals are now considered obsolete as they have been included in this registration.

An authorized individual shall provide an annual notice to the Office of Air Management that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.5-4(a)(3). The annual notice shall be submitted to:

Compliance Data Section
Office of Air Management
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

no later than March 1 of each year, with the annual notice being submitted in the format attached.

Any change or modification which may increase the potential pollutant emissions to 25 tons per year or more from the equipment covered in this registration must be approved by the Office of Air Management (OAM) before such change may occur.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

ARD

cc: File - Daviess County
Daviess County Health Department
Air Compliance Section Inspector - Gene Kelso
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

Registration Annual Notification

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3) or 326 IAC 2-5.5-4(a)(3).

Company Name:	Olon Industries, Inc.
Address:	County Road 300 West
City:	Washington, IN 47501
Authorized individual:	
Phone #:	
Registration #:	027-12912-00033

I hereby certify that Olon Industries, Inc. is still in operation and is in compliance with the requirements of Registration 027-12912-00033.

Name (typed):
Title:
Signature:
Date:

Indiana Department of Environmental Management Office of Air Management

Technical Support Document (TSD) for a Registration

Source Background and Description

Source Name:	Olon Industries, Inc. (f.k.a. Eurodrawer)
Source Location:	County Road 300 West, Washington, IN 47501
County:	Daviess
SIC Code:	2493
Operation Permit No.:	027-3997-00033
Operation Permit Issuance Date:	August 30, 1994
Revision No.:	027-12912-00033
Permit Reviewer:	Allen R. Davidson

On October 25, 2000, the Office of Air Management (OAM) received an application from Olon Industries, Inc. relating to a particleboard drawer manufacturing plant. This emission source consists of the following facilities:

- a. Particleboard woodworking operations with a maximum capacity of 1700 pounds per hour, with emissions controlled by a baghouse rated at 99.99% efficiency.
- b. Vinyl slitting operations.
- c. Adhesive application operations, where the adhesives do not contain volatile organic compounds (VOC).

History

Eurodrawer was issued a registration for a particleboard drawer manufacturing plant on August 30, 1994.

No operational changes are being made at the plant. Only the company name and contact information have changed. However, 326 IAC 2-5.5-2(b) requires existing emission sources with a valid air registration to reapply for approval by December 2000. This application seeks to comply with this rule.

Enforcement Issues

There are no enforcement actions pending against this emission source.

Stack Summary

Stack information will not be changed as a result of this application

Recommendation

The staff recommends to the Commissioner that the application be approved as a registration. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on October 25, 2000.

Emission Calculations

See Appendix A of this document for detailed emissions calculations. (1 page)

Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA.”

The existing source potential to emit is as follows:

Pollutant	Potential To Emit (tons/year)
PM	16.1
PM-10	< 16.1
SO ₂	0
VOC	0
CO	0
NO _x	0

HAP's	Potential To Emit (tons/year)
TOTAL	0

The potential to emit particulate matter (PM) is less than 25 tons per year, but greater than five tons per year. Therefore, the existing source is classifiable as a registration under 326 IAC 2-5.5.

County Attainment Status

The source is located in Daviess County.

Pollutant	Status
PM-10	attainment
SO ₂	attainment
NO ₂	attainment
Ozone	attainment
CO	attainment
Lead	attainment

Daviess County has been classified as attainment or unclassifiable for all pollutants. Therefore, emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

The potential to emit every attainment pollutant is less than the PSD significant levels. Therefore, pursuant to 326 IAC 2-2, and 40 CFR 52.21, the PSD requirements do not apply.

Federal Rule Applicability

There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this source.

There are no National Emission Standards for Hazardous Air Pollutants (NESHAP)(326 IAC 14 and 40 CFR Part 63) applicable to this source.

State Rule Applicability - Entire Source

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants)

This source is not subject to 326 IAC 2-4.1-1 (New Source Toxics Control). The source does not have potential to emit 10 tons per year of any HAP or 25 tons per year of any combination of HAPs.

326 IAC 2-6 (Emission Reporting)

This source is not subject to 326 IAC 2-6 (Emission Reporting), because it does not have the potential to emit more than one hundred (100) tons per year of any pollutant specified in the rule.

326 IAC 5-1 (Visible Emissions Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following:

- (a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

State Rule Applicability - Woodworking Operations

326 IAC 6-3-2 (Particulate Emissions Limitations)

This facility is subject to 326 IAC 6-3-2. Pursuant to 326 IAC 6-3-2 (Particulate Emissions Limitations), particulate matter (PM) emissions shall be limited by the following equation for process weight rates up to sixty thousand (60,000) pounds per hour:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

For a process weight rate of 1700 pounds per hour, the equation states an emission limit of 3.68 pounds of particulate matter per hour. A particulate control device is required to comply with this limit. See Appendix A of this document for detailed emissions calculations. (1 page)

State Rule Applicability - Adhesive Application

There are no state rules applicable to this facility.

326 IAC 8-2-12 (Wood Furniture and Cabinet Coating)

This facility is not subject to 8-2-12 (Wood Furniture and Cabinet Coating) because the adhesives do not emit volatile organic compounds.

State Rule Applicability - Vinyl Slitting Operations

There are no state rules applicable to this facility.

Conclusion

The operation of these facilities shall be subject to the conditions of the attached registration, No 027-12912-00033.